

REPORT

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SUPPLEMENT TO
REPORT NO. 50X1-HUM

THIS IS UNEVALUATED INFORMATION

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- CLASSIFICATION CONFIDENTIAL

[illegible]

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3. Oil refinery (Krekin): This plant is about 600 meters southwest of the Naftnaya railroad station. The distance along the Volga from the Naftnaya rail station to the main docks in Saratov is about 12 kilometers (less by air since the Volga makes a sharp turn to the west opposite Saratov). The refinery compound is large. [redacted] the old distillation installations have been rebuilt since 1945, and some new construction has been done. War damage was slight. The refinery is also engaged in the production of a special airplane gasoline. Personnel is estimated at 2,000 to 3,000 for all shifts. 50X1-HUM
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4. Saratov ~~main~~ power installation: This steam power unit is about one and a half kilometers north of the Kombain airplane factory and one kilometer west of the Volga. Output is limited; not more than two or three medium sized turbines are said to be in operation.
5. Saratov ~~main~~ power installation: More important than the Saratov ~~main~~ is the hydro electric unit, Saratov GHS, situated on the right bank of the Volga about two kilometers downstream from the main docks. The number of turbines is estimated to be four or five; an unknown amount of coal and oil is also used for turbine operation. (1)
6. Lenin factory: This factory is about 800 to 1,000 meters west of the Volga and opposite the Ules : naphtha depot. All construction projects in the Saratov area are supplied with various types of wire, bolts, and nails produced in the Lenin factory. There was some war damage in this plant, but full production has been possible since 1945. Estimate of personnel for all shifts is 1,500.
7. Tractor factory: This plant on Astrakhan street is about two kilometers south of the Saratov main railroad station. Although undamaged in the war, this factory has been extensively modernized but not expanded since 1945. Camshafts, flexible drive shafts, gears, and four cylinder tractor motors (350 to 400 finished on each shift) are produced here. Total personnel for all three shifts is approximately 2,000.
8. Ball bearing factory: The ball bearing factory is one of the most important industries in Saratov and could be a highly significant parts production unit for armored tanks. The plant is about seven kilometers upstream from the railroad bridge and three kilometers from the Volga. This installation is new, probably constructed during the 1930's, and its technical equipment is modern and efficient. The compound is large with adequate space for expansion; some new buildings are under construction. Production is high (200,000 ball bearings and 20,000 rings in three shifts) and of a superior quality.
9. Factory Nr. 44: This plant produces gears, cylindrical and block, for tractors and possibly armored tanks. The present compound is north of the Kombain airplane factory. However, a new plant is being built a few kilometers southwest of the present site, and it is expected that the compound now in use will be abandoned and the equipment moved when the new plant is ready for operation. Only one small tempering shop is available; therefore most parts are shipped in from outside sources. Personnel for all three shifts is estimated to be not more than 1,500. (2)

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- 10 Factory No. 95: This factory is about 800 meters north of the Korbain airplane factory and not more than 500 meters south of the Saratov T&M installation. [redacted] this plant produces accumulators. (3) 50X1-HUM
- 11 Korbain airplane factory: This factory is about two kilometers west of the Volga and eight to nine kilometers south-west of the railroad bridge downstream. This area is closely built up and the section of the city surrounding the plant is designated Korbain. Previously this factory produced agricultural machinery. [redacted] In 1945 this factory reportedly produced five combat planes daily. In 1947 production was changed from motor-driven to jet-propelled combat planes. According to Russian reports the plant employs 25,000 to 30,000 workers in three shifts. (4) 50X1-HUM
- 12 Military airfield: This airfield is opposite the ball bearing plant, one and a half to two kilometers from the Volga, one and a half kilometers south of the Korbain airplane factory, and one and a half kilometers north of the oil refinery. The airfield, approximately 1.2 to 1.5 x 1.0 kilometers, has two or three hangars. Up to 1940 the airfield had 20 to 30 planes which were usually parked along the wire fence on the west near the ball bearing plant. They were Spitfires, Junkers, and Messerschmitts. Jet planes were tested here, usually singly; however on one occasion three were observed simultaneously. These planes gained altitude with great speed and made a whistling sound in flight; wings were bent back and tail assembly elevated. It is possible that these planes were produced in the Korbain plant. [redacted] 50X1-HUM
- [redacted] Motor-driven combat planes also used the field during the day as well as the night. Night illumination was not observed, but sometimes rockets were used when a plane wished to land. No practice parachute landings were observed.
- 13 Steamship dock: This dock is located on the Leninskaya street-car line at the point where the main street of Saratov ends on the bank of the Volga.

Encl: 1 key to map
1 map of industrial installations in southwest Saratov

(1) [redacted] Comment: The Saratov GRS or SarGRS is a thermoelectric, not a hydroelectric plant. 50X1-HUM

(2) [redacted] no planned enlargement of this plant. 50X1-HUM

(3) [redacted] the factory number is 195.

(4) The factory number is 292. The employment figures given are excessively high [redacted] 50X1-HUM

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Attachment 1

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INDUSTRIAL INSTALLATIONS IN SOUTHWESTERN SARATOVL E G E N D

1. PROPABOTSHENAYA Repair Shop
2. RR. Bridge
3. RR. Station
4. UVEK Naphtha Storage Installation with oil Pumps and Pipe
5. UVEK RR. Station and Shipping Dock
6. PW Camp No. 368/9
7. PW Camp No. 7238/22
8. Oil Refinery with Pipes and Pump Installations
9. NAFTNAPATA RR. Station
10. Granaries
11. Military Airfield
12. PW Camp No. 7238/22
13. Ball-Bearing Factory
14. PW Camp No. 368/4 (Tent Camp)
15. New Installation belonging to Factory No. 44
16. PW Camp No. 3631 (Hospital)
17. "KOMBAIN" Airplane Factory
18. Sawmill, Gasoline Installation, Yeast Brewery, and PW Camp No. 7238/4
19. ULFSHI RR. Station
20. ULFSHI Naphtha Installation and PW Camp No. 7238/10
21. Factory No. 44 (Production of Gears)
22. SAPATOV-TEZ Power Installation
23. Factory No. 95 (Production of Accumulators)
24. PW Camp No. 7238/10
25. Lenin Factory
26. PW Camp No. 368/13
27. Tractor Factory
28. Street Car Line
29. Main RR. Station
30. Main RR. Administration Building
31. Church
32. Main Dock
33. Steamship Dock
34. SAPATOV GPES Power Installation

----- Streetcar line

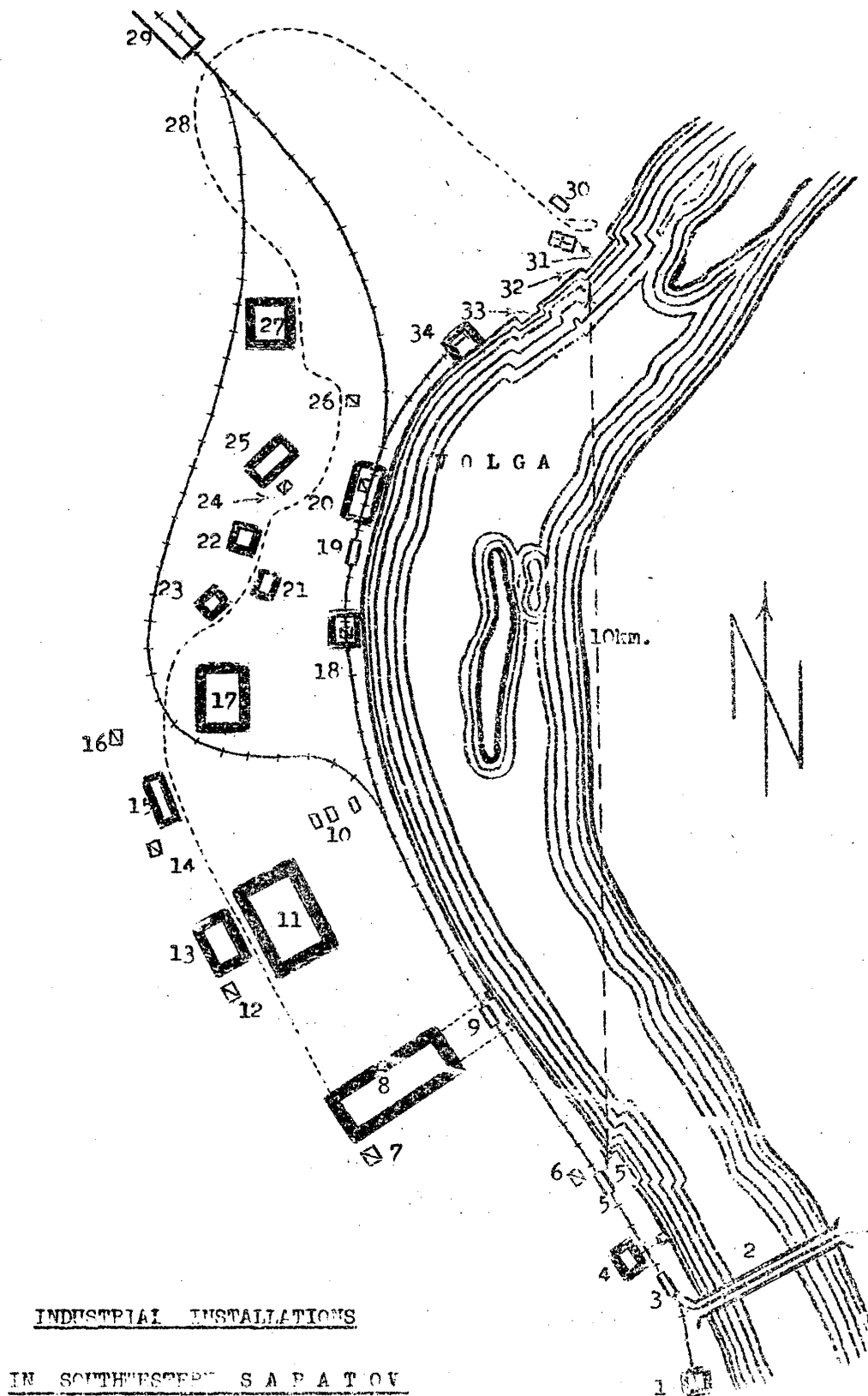
----- Railroad tracks

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Attachment 2

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